



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

NO.	DATE	BY	REVISION
5	22/08/09	CS	NPL UPDATE
4	21/11/25	CS	NPL IMPEDANCE AND WEIGHT UPDATE

DES:	JWEN
DATE:	15/11/09
SCALE:	NTS

SHEET 1 OF 3

EDBSG3A0030KB

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**POWER SOLUTIONS**  
Guelph, ONT  
Hyderabad, IN Compton, CA

**HPS Sentinel™ G**  
Energy Efficient Distribution Transformer  
Transformateur de Distribution à Bon Rendement Énergétique

Baraboo, WI  
Monterrey, MX

Part No. **SG3A0030KB**

**LISTED** **LR 3902**  
 DRY TYPE TRANSFORMER 800342312195  
 ALSO SEE LISTING AND APPROVALS  
 BY UNDERWRITERS LABORATORIES INC. @ 316

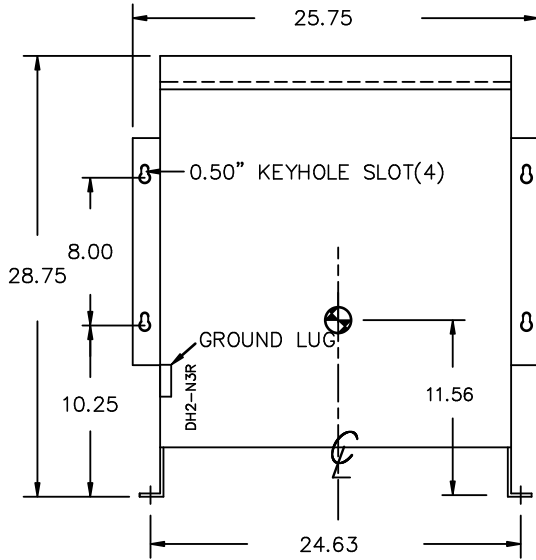
Cust. Ref. Ref. du Client		Serial No. No. de Serie	VOLTS		CURRENT COURANT	% RATED % TENSION NOMINALE	CONNECTION EACH PHASE CONNECTION PAR PHASE
Phase	3	HV/HT	480V	36.1A			1
Type	K	BIL	10 kV		34.4	105	2
Cooling Refroidissement	ANN	Term Bornes	H1 H2 H3		35.2	102.5	3
kVA	30	LV/BT	208Y/120V	83.3A	480	100	4
Temp. Rise Échauffement	150 °C	BIL	10 kV		468	97.5	5
Temp Class Classe Temp	220 °C	Term Bornes	X0 X1 X2 X3		456	95	6
Winding Enroulement	AL	Energy Regulations de Énergétique	DOE 10 CFR PART 431:2016		444	92.5	7
Frequency Fréquence Hz	60		CEE ACT SOR/2018-201		39.0		
Impedance % @ 170 °C	4.1				40.1		
Encl. Type Type de Coffrage	3R						
Weight lbs/kg Poids	290/132						

SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES

SEISMIC QUALIFICATIONS:  
OSP-0136/IBC 2018/ASCE 7-16  
SDS<=2.0g Z/h=1 Ip=1.5

d000186hb

FRONT VIEW



SIDE VIEW



All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY - OUTDOOR

HV TERMINAL DETAIL

LV TERMINAL DETAIL

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR #14-2 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

MECHANICAL TYPE LUGS INCLUDED  
SUITABLE FOR #2/0-14 CU/AL  
CONDUCTORS  
1 CONDUCTOR PER PHASE

CUSTOMER NOTES:

- HV TERMINATED AT TOP FRONT
- LV TERMINATED AT BOTTOM FRONT



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ENCLOSURE BOTTOM VIEW



NOTE:  
 WHEN BOTTOM CABLE ENTRY IS OPTED, THE SPACE USED FOR CONDUITS IN THE FRONT OF THE TRANSFORMER SHOULD NOT OBSTRUCT MORE THAN 50% OF THE FRONT AIR INTAKE AREA DEFINED BETWEEN THE BOTTOM PLATE AND THE SUPPORTING LEGS.  
 SEE MANUAL FOR ADDITIONAL INFORMATION



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 ENCLOSURE BOTTOM VIEW

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